

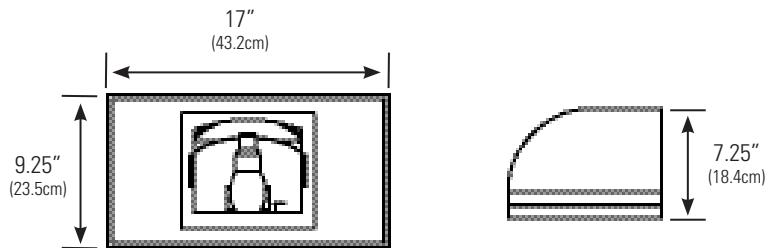
LIGHTOLIER® COL/EOL Series Forward Throw Cutoff Luminaire

COL/EOL

Page 1 of 2

Type 4 Distribution, Integral 35-Watt Emergency Xenarc Lamp

The COL Series is designed to provide normal and outdoor egress lighting in a single fixture.



How to Specify 100w HPS or 100w MH luminaire with/without 35w Xenarc® lamp:

COL			BZ
SERIES	AC LAMP TYPE	EMERGENCY FUNCTION ¹	HOUSING COLOR ²
COL = Forward Throw Cutoff Luminaire	1H = 100-Watt, High-Pressure Sodium Lamp 1M = 100-Watt, Metal Halide Lamp	Blank = AC Fixture, No Emergency Lamp EM = 35-Watt, Instant Strike Xenarc® Lamp	BZ = Dark Bronze

How to Specify 100w HPS or 100w MH luminaire with 35w Xenarc® lamp and remote C3250LWDLTD emergency module:

EOL		BZ
SERIES	AC LAMP, 35W AND C3 MODULE	HOUSING COLOR ²
EOL = Forward Throw Cutoff Luminaire	HRW(B)= 100-watt High Pressure Sodium lamp & White (Black) C3 EM Module ³ MRW(B)= 100-watt Metal Halide lamp & White (Black) C3 EM Module ³	BZ = Dark Bronze

How to Specify 100w HPS or 100w MH luminaire with 35w Xenarc® lamp and remote E4250LWTD emergency module:

EOL		BZ
SERIES	AC LAMP, 35W AND E4 MODULE	HOUSING COLOR ²
EOL = Forward Throw Cutoff Luminaire	HSW(B) = 100-watt High Pressure Sodium lamp & White (Black) E4 EM Module ⁴ MSW(B)= 100-watt Metal Halide lamp & White (Black) E4 EM Module ⁴	BZ = Dark Bronze

NOTES:
 1) Requires a remote emergency power source of 12 VDC and at least 35-watts and TD to cover re-strike period.
 2) Custom Colors available, consult factory.
 3) See C3 sheet for product specifications
 4) See E4 sheet for product specifications.

Features

- 1. Illumination:** Normal illumination is provided by one 100-watt, high-pressure sodium lamp or one 100-watt, metal halide lamp, combined with a polished specular aluminum reflector with Type 4 distribution. Normally on illumination may be switched or photocell controlled. Emergency illumination is accomplished with a 35-watt, instant strike Xenarc® lamp, powered from a remote emergency battery unit (sold separately).
- 2. Housing:** All housing components are of premium die-cast aluminum construction with a durable dark bronze powder coat finish. Stainless steel torx head T25 tamperproof hardware included.
- 3. Electronics: AC Only** - HX/HPF core/coil HID ballast, spring loaded 4KV pulse rated HID socket, medium base.
Emergency Operation - 35-watt, instant strike Xenarc lamp (requires a remote emergency power source of 12 VDC, 35-watts minimum)
- 4. Operating Temperature Range** - Wet location: -40°F (-40°C) to 104°F (40°C)
- 5. Recommended Emergency Battery Units (sold separately)** -
 Indoor/Outdoor** Recessed Ceiling Mount - C3250LWDLTD
 Indoor Surface Mount - E4250LWTD

* The COL Series emergency lamp requires a remote 12 VDC power source.

** The C3250LWDLTD may be used outdoors in locations where the product is not directly exposed to the elements.

6. Electrical Specifications: 120/208/240/277 VAC, 60 HZ, multi-tap input wiring; 130-watts power consumption

7. Warranty: Five-year warranty (excludes lamps.)

Code Compliance

Wet location listed
 ETL listed to UL 924 standards
 ETL listed to UL 1598 standards
 ETL listed to CSA C22.2 No 141-02 standards
 ETL listed to CSA C22.2 No 250.0-04 standards

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

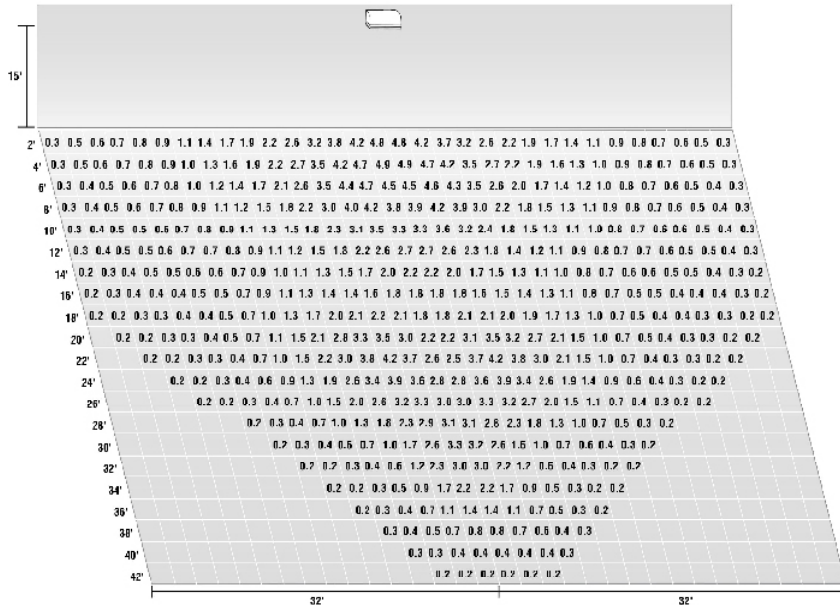
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Illumination

I.E.S. format photometric data files are available for use with most lighting layout application software.

Photometric Data*

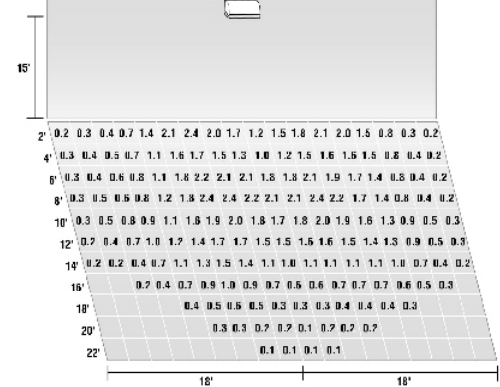
Metal Halide in AC Mode, 15' AFF



Average initial footcandles at floor = 1.41
Maximum initial footcandles at floor = 4.9

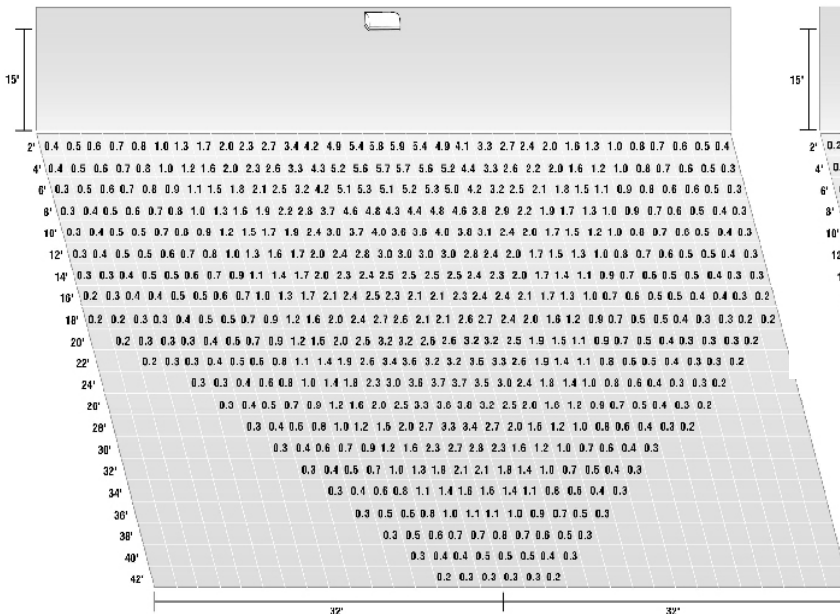
Minimum initial footcandles at floor = 0.2
Maximum to minimum ratio = 24.50

Metal Halide in Emergency Mode, 15' AFF



Average initial footcandles at floor = 1.03
Maximum initial footcandles at floor = 2.4
Minimum initial footcandles at floor = 0.1
Maximum to minimum ratio = 24.00

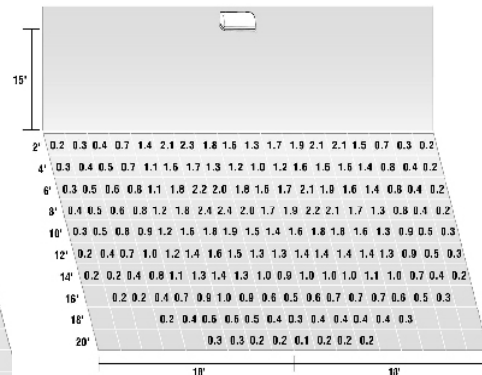
HPS in AC Mode, 15' AFF



Average initial footcandles at floor = 1.55
Maximum initial footcandles at floor = 5.9

Minimum initial footcandles at floor = 0.2
Maximum to minimum ratio = 29.50

HPS in Emergency Mode, 15' AFF



Average initial footcandles at floor = 1.06
Maximum initial footcandles at floor = 2.4
Minimum initial footcandles at floor = 0.1
Maximum to minimum ratio = 24.00

*The optics layout is intended to be used as reference only. Standard reflectances used were 0/50/20. Lightolier is not responsible for site specific conditions that may alter the results.

Xenarc® is a registered trademark of Osram Sylvania

Job Information

Type:

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